

Abstract

A separation apparatus (A) for separating solids from a slurry of liquid and solids includes a separation tank (10). An intake assembly (12) communicates with the separation tank (10) for conveying the slurry through an entrance end (14) into an inlet (16) formed in the tank (10). An outlet assembly (18) communicates with the separation tank (10) for conveying decanted liquid (20) through an outlet (22) formed in the tank (10) to an exit end (24) of the outlet assembly (18) positioned in a desired location. A pump (26) is adapted to convey the decanted liquid (20) from the separation tank (10) through the outlet assembly (18). The tank (10), intake assembly (12), and outlet assembly (18) form an airtight, compartmented system when the entrance end (14) of the intake assembly (12) and the exit end (24) of the outlet assembly (18) are sealed.

2014075421.021402